



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
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**D3319-3**  
**Job Sheet 211340**

DAS  
21  
9-86

Part No: D3319-3

Job Qty: 12 pcs

Part Name: Full Length Wearplate



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/14/20

Job Tracking No:

Due Date: 7/29/20

Created By: Jennifer Renwick

Type: Stock

Description:

Note: D3319 REV.E IPP: A 05.05.12 New issue KJ/JLM IPP Rev:B Now on Waterjet 06-10-03 JLM IPP REV:C  
17.10.25 AS PER DWG REV.D DD VERF:JFS IPP REV:E 2020.05.27 AS PER DWG REV.E DD VERF:JFS

Ship Via:

### Bill of Materials

### Job Routing

| Op<br>No | Operation           | Qty       | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |              | Sign-off    |
|----------|---------------------|-----------|------------|-------------|--------------|------------|-----------------------|--------------|-------------|
|          |                     |           |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier | Lead<br>Time |             |
| 100      | Waterjet - Flow - 1 | 12<br>pcs |            | 7/28/20     | 0.17         | 2.80       | Waterjet - Flow       |              | OK 20/07/21 |
| 110      | QC 2                | 12<br>pcs |            | 7/28/20     | 0.00         | 0.00       | QC 2 - 1              |              |             |
|          |                     |           |            |             |              |            | QC 2 - 12             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 14             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 17             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 19             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 2              |              |             |
|          |                     |           |            |             |              |            | QC 2 - 20             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 22             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 23             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 25             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 32             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 33             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 35             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 39             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 4              |              |             |
|          |                     |           |            |             |              |            | QC 2 - 40             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 44             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 45             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 48             |              | OK 20/07/21 |
|          |                     |           |            |             |              |            | QC 2 - 49             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 50             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 51             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 52             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 57             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 62             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 63             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 8              |              |             |
|          |                     |           |            |             |              |            | QC 2 - 66             |              |             |
|          |                     |           |            |             |              |            | QC 2 - 64             |              |             |



Container No: S289372



Part: D3319-3

Job No: 211340

Serial No/Batch: S289372

Revision: REV.E

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.  
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Date: 08/13/20

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|                                |           |         |           |                             |                    |
|--------------------------------|-----------|---------|-----------|-----------------------------|--------------------|
| 120 QC 8                       | 12<br>pcs | 7/28/20 | 0.00 0.00 | QC 2 - 65                   |                    |
|                                |           |         |           | QC 2 - 5                    |                    |
|                                |           |         |           | QC 2 - 71                   |                    |
|                                |           |         |           | QC 2 - 73                   |                    |
|                                |           |         |           | QC 2 - 69                   |                    |
|                                |           |         |           | QC 2 - 76                   |                    |
|                                |           |         |           | QC 2 - 86                   |                    |
|                                |           |         |           | QC 2 - 83                   |                    |
|                                |           |         |           | QC 8 - 12                   |                    |
|                                |           |         |           | QC 8 - 14                   |                    |
|                                |           |         |           | QC 8 - 17                   |                    |
|                                |           |         |           | QC 8 - 20                   |                    |
|                                |           |         |           | QC 8 - 25                   |                    |
|                                |           |         |           | QC 8 - 3                    |                    |
|                                |           |         |           | QC 8 - 32                   |                    |
|                                |           |         |           | QC 8 - 33                   |                    |
|                                |           |         |           | QC 8 - 35                   |                    |
|                                |           |         |           | QC 8 - 39                   |                    |
|                                |           |         |           | QC 8 - 4                    |                    |
|                                |           |         |           | QC 8 - 44                   |                    |
|                                |           |         |           | QC 8 - 45                   |                    |
|                                |           |         |           | QC 8 - 49                   |                    |
|                                |           |         |           | QC 8 - 58                   |                    |
|                                |           |         |           | QC 8 - 8                    |                    |
|                                |           |         |           | QC 8 - 9                    |                    |
|                                |           |         |           | QC 8 - 68                   |                    |
|                                |           |         |           | QC 8 - 67                   |                    |
| 140 Small Fab - Brake NC - B4B | 12<br>pcs | 7/28/20 | 0.25 0.80 | QC 8 - 1 (A)                |                    |
|                                |           |         |           | QC 8 - 47                   |                    |
|                                |           |         |           | QC 8 - 40                   | DAS 40<br>7 7 2020 |
|                                |           |         |           | QC 8 - 52                   |                    |
|                                |           |         |           | QC 8 - 23                   |                    |
|                                |           |         |           | QC 8 - 57                   |                    |
|                                |           |         |           | QC 8 - 76                   |                    |
|                                |           |         |           | QC 8 - 61                   |                    |
|                                |           |         |           | QC 8 - 66                   |                    |
|                                |           |         |           | QC 8 - 73                   |                    |
| 160 Automated Welding - B4B    | 12<br>pcs | 7/28/20 | 0.00 3.82 | QC 8 - 82                   |                    |
|                                |           |         |           | Small Fab - Brake - 1 - B4B |                    |
|                                |           |         |           | Small Fab - Brake - 2 - B4B |                    |
| 170 QC 10                      | 12<br>pcs | 7/28/20 | 0.00 0.00 | Small Fab - Brake - 3 - B4B | JUL 21 2020        |
|                                |           |         |           | Automated Welding - 1 - B4B | EL 8-13-2020       |
|                                |           |         |           | QC 10 - 10                  |                    |
|                                |           |         |           | QC 10 - 18                  |                    |
|                                |           |         |           | QC 10 - 24                  | DAS 24<br>9-89     |
|                                |           |         |           | QC 10 - 43                  | AUG 14 2020        |
|                                |           |         |           | QC 10 - 50                  |                    |
|                                |           |         |           | QC 10 - 58                  |                    |
|                                |           |         |           | QC 10 - 9                   |                    |
|                                |           |         |           | QC 10 - 68                  |                    |
| 180 QC 5                       | 12<br>pcs | 7/28/20 | 0.00 0.00 | QC 10 - 81                  |                    |
|                                |           |         |           | QC 5 - 10                   |                    |
|                                |           |         |           | QC 5 - 12                   |                    |
|                                |           |         |           | QC 5 - 17                   |                    |
|                                |           |         |           | QC 5 - 18                   |                    |
|                                |           |         |           | QC 5 - 19                   |                    |
|                                |           |         |           |                             |                    |

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|     |                             |    |         |           |                        |             |
|-----|-----------------------------|----|---------|-----------|------------------------|-------------|
|     |                             |    |         |           | QC 5 - 22              |             |
|     |                             |    |         |           | QC 5 - 24              | DAS         |
|     |                             |    |         |           | QC 5 - 3               | 24          |
|     |                             |    |         |           | QC 5 - 43              | 9-89        |
|     |                             |    |         |           | QC 5 - 49              | AUG 14 2020 |
|     |                             |    |         |           | QC 5 - 51              |             |
|     |                             |    |         |           | QC 5 - 58              |             |
|     |                             |    |         |           | QC 5 - 68              |             |
|     |                             |    |         |           | QC 5 - 9               |             |
|     |                             |    |         |           | QC 5 - 50              |             |
|     |                             |    |         |           | QC 5 - 30              |             |
|     |                             |    |         |           | QC 5 - 40              |             |
|     |                             |    |         |           | QC 5 - 61              |             |
|     |                             |    |         |           | QC 5 - 81              |             |
|     |                             |    |         |           | QC 5 - 82              |             |
| 190 | Spray Paint - 2 - B4B       | 12 | 7/29/20 | 0.00 1.20 | Spray Paint - 1 - B4B  |             |
|     | pcs                         |    |         |           | Spray Paint - 2 - B4B  | DAS         |
|     |                             |    |         |           | Spray Paint - 3 - B4B  | 87          |
|     |                             |    |         |           | Spray Paint - 4 - B4B  | AUG 16 2020 |
|     |                             |    |         |           |                        | 9-89        |
| 200 | QC 3                        | 12 | 7/29/20 | 0.00 0.00 | QC 3 - 10              |             |
|     | pcs                         |    |         |           | QC 3 - 13              |             |
|     |                             |    |         |           | QC 3 - 15              |             |
|     |                             |    |         |           | QC 3 - 17              |             |
|     |                             |    |         |           | QC 3 - 18              |             |
|     |                             |    |         |           | QC 3 - 2               |             |
|     |                             |    |         |           | QC 3 - 28              |             |
|     |                             |    |         |           | QC 3 - 3               |             |
|     |                             |    |         |           | QC 3 - 30              |             |
|     |                             |    |         |           | QC 3 - 34              |             |
|     |                             |    |         |           | QC 3 - 36              |             |
|     |                             |    |         |           | QC 3 - 41              |             |
|     |                             |    |         |           | QC 3 - 51              |             |
|     |                             |    |         |           | QC 3 - 58              |             |
|     |                             |    |         |           | QC 3 - 59              |             |
|     |                             |    |         |           | QC 3 - 68              |             |
|     |                             |    |         |           | QC 3 - 9               |             |
|     |                             |    |         |           | QC 3 - 40              |             |
|     |                             |    |         |           | QC 3 - 19              |             |
|     |                             |    |         |           | QC 3 - 43              |             |
|     |                             |    |         |           | QC 3 - 24              | DAS         |
|     |                             |    |         |           | QC 3 - 61              | 81          |
|     |                             |    |         |           | QC 3 - 81              | 9-89        |
|     |                             |    |         |           | QC 3 - 82              | AUG 17 2020 |
|     |                             |    |         |           | QC 3 - 87              |             |
| 210 | Packaging 3-1 - Stock - B4B | 12 | 7/29/20 | 0.00 0.00 | Packaging 3 - 1 - B4B  |             |
|     | pcs                         |    |         |           | Packaging 3 - 2 - B4B  |             |
|     |                             |    |         |           | Packaging 3 - 3 - B4B  |             |
|     |                             |    |         |           | Packaging 3 - 4 - B4B  | DAS         |
|     |                             |    |         |           | Packaging 3 - 5 - B4B  | 28          |
|     |                             |    |         |           | Packaging 3 - 6 - B4B  | 9-89        |
|     |                             |    |         |           | Packaging 3 - 7 - B4B  |             |
|     |                             |    |         |           | Packaging 3 - 8 - B4B  |             |
|     |                             |    |         |           | Packaging 3 - 9 - B4B  | AUG 24 2020 |
|     |                             |    |         |           | Packaging 3 - 10 - B4B |             |
|     |                             |    |         |           | Packaging 3 - 11 - B4B |             |
|     |                             |    |         |           | Packaging 3 - 12 - B4B |             |
|     |                             |    |         |           | Packaging 3 - 13 - B4B |             |
|     |                             |    |         |           | Packaging 3 - 14 - B4B |             |
|     |                             |    |         |           | Packaging 3 - 15 - B4B |             |

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|                |  |  |  |                        |      |
|----------------|--|--|--|------------------------|------|
|                |  |  |  | Packaging 3 - 16 - B4B |      |
|                |  |  |  | Packaging 3 - 17 - B4B |      |
|                |  |  |  | Packaging 3 - 18 - B4B |      |
|                |  |  |  | Packaging 3 - 19 - B4B |      |
|                |  |  |  | Packaging 3 - 20 - B4B |      |
|                |  |  |  | Packaging 3 - 21 - B4B |      |
|                |  |  |  | Packaging 3 - 22 - B4B |      |
|                |  |  |  | Packaging 3 - 23 - B4B |      |
|                |  |  |  | Packaging 3 - 24 - B4B |      |
|                |  |  |  | Packaging 3 - 25 - B4B |      |
|                |  |  |  | Packaging 3 - 26 - B4B |      |
|                |  |  |  | Packaging 3 - 27 - B4B |      |
|                |  |  |  | Packaging 3 - 28 - B4B |      |
|                |  |  |  | Packaging 3 - 29 - B4B |      |
|                |  |  |  | Packaging 3 - 30 - B4B |      |
|                |  |  |  | Packaging 3 - 31 - B4B |      |
|                |  |  |  | Packaging 3 - 32 - B4B |      |
|                |  |  |  | Packaging 3 - 33 - B4B |      |
|                |  |  |  | Packaging 3 - 34 - B4B |      |
|                |  |  |  | Packaging 3 - 35 - B4B |      |
|                |  |  |  | Packaging 3 - 36 - B4B |      |
|                |  |  |  | Packaging 3 - 37 - B4B |      |
| 220 QC 21 - SA |  |  |  | QC 21 - SA - 21        |      |
| 12             |  |  |  | QC 21 - SA - 70        | DAS  |
| pcs            |  |  |  | QC 21 - SA - 9         | 21   |
| 7/29/20        |  |  |  | QC 21 - SA - 77        | 9-08 |
| 0.00 0.00      |  |  |  | AUG 24 2020            |      |

Part Op 100 - 1-Cut as per Dwg D3319 Dwg Rev: E Prog Rev: E 2-Debur if necessary  
 Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB)  
 120 - (QC8- Inspect parts - second check)  
 140 - Form using DT8326 & DT8261 as per Dwg D3319  
 160 - 8259 Hardcoat Rod M139071  
 170 - (QC10- Inspect visual per QSI004- ground welds)  
 180 - (QC5- Inspect part completeness to step on W/O)  
 190 - COAT ENTIRE TOP (CONCAVE ) SURFACE WITH TEXTURE COATING AS PER DWG NOTE 9 SHEET ONE.  
 BATCH: 5286130  
 200 - (QC3- Inspect Part Finish)  
 210 - (Identify as per dwg & Stock Location: \_\_\_\_\_) Identify on inside surface using a permanent fine point marker with the following:  
 220 - (QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item | Component Name     | Quantity        | Operation               | Container      |
|-------------|--------------------|-----------------|-------------------------|----------------|
| M304S18GA   | 304/316 .050 Sheet | 39 sf (3.25 ea) | 100-Waterjet - Flow - 1 | <u>5281035</u> |

## Job Allocations

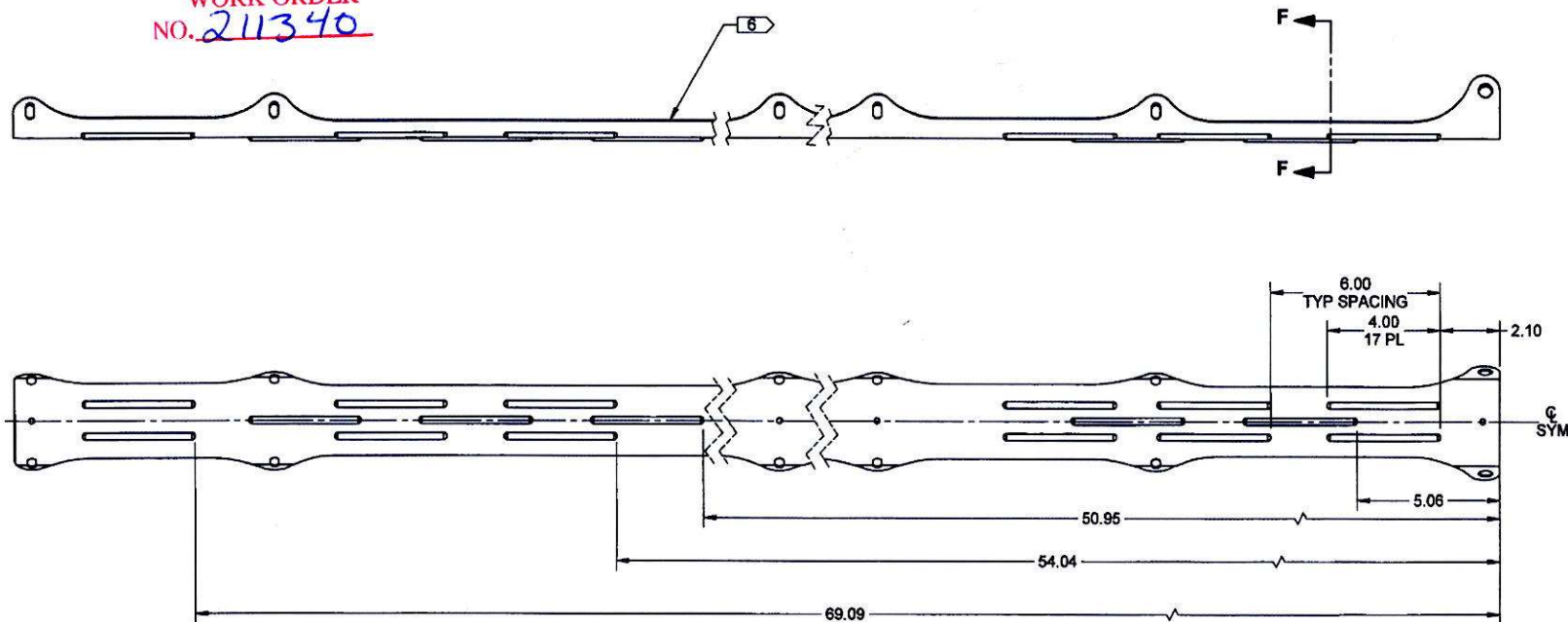
| Operation               | Component Part | Required | Inventory | Allocated |
|-------------------------|----------------|----------|-----------|-----------|
| 100-Waterjet - Flow - 1 | M304S18GA      | 39       | 211       | 0         |

| Part Specifications |             |                  |                    |                  |                  |
|---------------------|-------------|------------------|--------------------|------------------|------------------|
| Spec No             | Description | Target/Tolerance | Limits             | Type             | Special Comments |
| 1                   | Wearplate   | 0.190inches      | + 0.005<br>- 0.001 | 0.195<br>0.189   |                  |
| 2                   | Wearplate   | 0.500inches      | + 0.006<br>- 0.001 | 0.506<br>0.499   |                  |
| 3                   | Wearplate   | 0.316inches      | ± 0.010            | 0.326<br>0.306   |                  |
| 4                   | Wearplate   | 0.607inches      | ± 0.010            | 0.617<br>0.597   |                  |
| 5                   | Wearplate   | 2.940inches      | ± 0.030            | 2.970<br>2.910   |                  |
| 6                   | Wearplate   | 2.690inches      | ± 0.030            | 2.720<br>2.660   |                  |
| 7                   | Wearplate   | 3.527inches      | ± 0.010            | 3.537<br>3.517   |                  |
| 8                   | Wearplate   | 4.520inches      | ± 0.030            | 4.550<br>4.490   |                  |
| 9                   | Wearplate   | 5.063inches      | ± 0.010            | 5.073<br>5.053   |                  |
| 10                  | Wearplate   | 6.160inches      | ± 0.030            | 6.190<br>6.130   |                  |
| 11                  | Wearplate   | 0.600inches      | ± 0.030            | 0.630<br>0.570   |                  |
| 12                  | Wearplate   | 8.690inches      | ± 0.010            | 8.700<br>8.680   |                  |
| 13                  | Wearplate   | 30.790inches     | ± 0.010            | 30.800<br>30.780 |                  |
| 14                  | Wearplate   | 52.880inches     | ± 0.030            | 52.910<br>52.850 |                  |
| 15                  | Wearplate   | 62.770inches     | ± 0.010            | 62.780<br>62.760 |                  |
| 16                  | Wearplate   | 74.420inches     | ± 0.010            | 74.430<br>74.410 |                  |
| 17                  | Wearplate   | 75.520inches     | ± 0.030            | 75.550<br>75.490 |                  |
| 18                  | Wearplate   | 0.050inches      | ± 0.010            | 0.060<br>0.040   |                  |

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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 211340



**D3319-3 WEARPLATE**  
MAKE FROM D3319-3BND

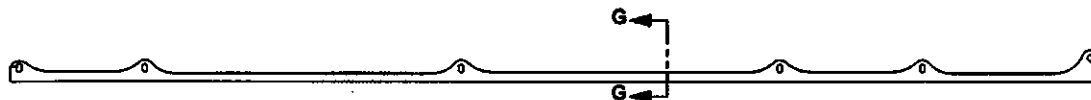
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3319-3" PER QSI 044 6.1
- 7) WEIGHT: 3.71 lbs
- 8) BUILDUP HARD SURFACE 0.06 TO 0.13 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR BUILDUP HARD SURFACE 0.06 TO 0.13 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)
- 9) COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING 0.020-0.040 THICK, PER DART QSI 005 4.9

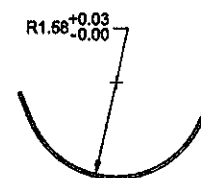
APPROVED

|            |          |                                                                                                                                                                                                                                                                         |              |
|------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | PH       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                |              |
| DRAWN      | SAD      |                                                                                                                                                                                                                                                                         |              |
| CHECKED    | KPT      | DRAWING NO.                                                                                                                                                                                                                                                             | REV. E       |
| MFG. APPR. | DD       | <b>D3319</b>                                                                                                                                                                                                                                                            | SHEET 3 OF 8 |
| APPROVED   | VS       | TITLE                                                                                                                                                                                                                                                                   | SCALE        |
| DE APPR.   | DS       | <b>WEARPLATE</b>                                                                                                                                                                                                                                                        | NTS          |
| DATE       | 20.05.08 | COPYRIGHT © 2004 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD |              |

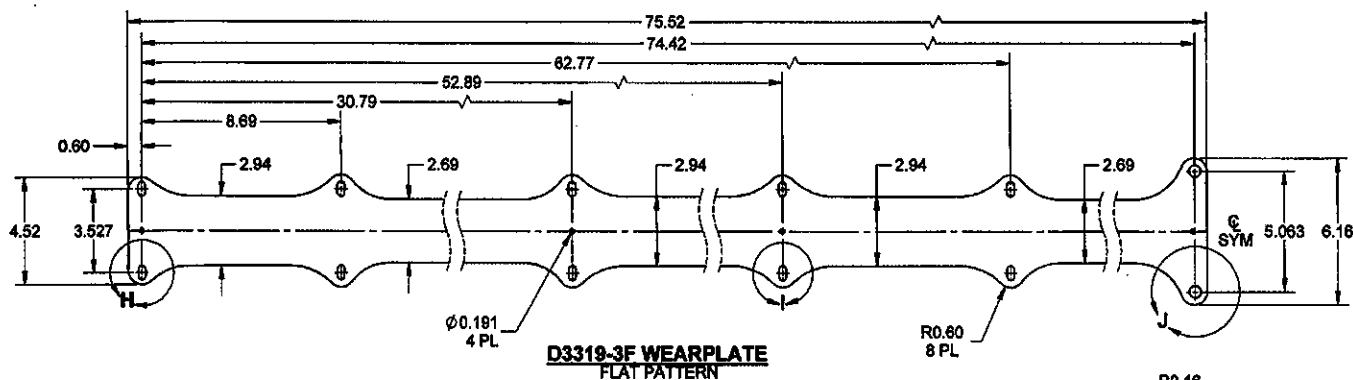
8 7 6 5 4 3 2 1



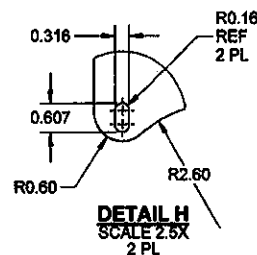
**D3319-3BND WEARPLATE**  
MAKE FROM D3319-3F



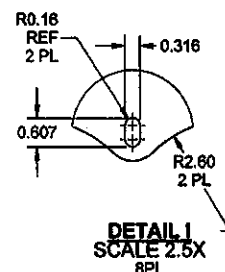
**SECTION G-G**  
SCALE 4X



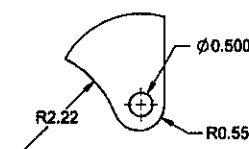
**D3319-3F WEARPLATE**  
FLAT PATTERN



**DETAIL H**  
SCALE 2.5X  
2 PL



**DETAIL I**  
SCALE 2.5X  
8 PL



**DETAIL J**  
SCALE 2.5X  
2 PL

- NOTES:**
- 1) MATERIAL: AISI 304/316 SS SHEET ANNEALED, 18 GAUGE (0.048 THICK)  
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316)  
OR ASTM A240 OR ASME SA240  
REF DART SPEC M304S18GA
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 3.19 lbs
  - 8) FOR NON-DIMENSIONED FEATURES, REFER TO CAD FILE D3319-3F-REVE.DXF

|          |            |          |                                                                                                                                                                                                                                                                                                 |              |
|----------|------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| APPROVED | DESIGN     | PH       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                        |              |
|          | DRAWN      | SAD      |                                                                                                                                                                                                                                                                                                 |              |
|          | CHECKED    | KPT      | DRAWING NO.                                                                                                                                                                                                                                                                                     | REV. E       |
|          | MFG. APPR. | DD       | <b>D3319</b>                                                                                                                                                                                                                                                                                    | SHEET 4 OF 8 |
|          | APPROVED   | VS       | TITLE                                                                                                                                                                                                                                                                                           | SCALE        |
|          | DE APPR.   | DS       | <b>WEARPLATE</b>                                                                                                                                                                                                                                                                                | NTS          |
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8 7 6 5 4 3 2 1

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QS1042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |





Part: D3319-3  
Job No: 211340  
Serial No/Batch: S289372  
Revision: REV.E  
Inspector:  
Exp Date:  
Instructions: Various STC's

Date: 07/21/20



Container No: S289372



Part: D3319-3  
Job No: 211340  
Serial No/Batch: S289372  
Revision: REV.E  
Inspector:  
Exp Date:  
Instructions: Various STC's

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Date: 07/21/20